

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference F17471 PP	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/IB 2003/003763	International filing date ( <i>day/month/year</i> ) 5 September 2003 (05.09.2003)	Priority Date ( <i>day/month/year</i> ) 6 September 2002 (06.09.2002)
International Patent Classification (IPC) or national classification and IPC  IPC <sup>7</sup> : F 15 B 1/10, F 42 B 33/06		
Applicant RICHARDS PAUL ANTHONY		
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>		
<p>3. This report contains indications relating to the following items:</p> <p>I. <input checked="" type="checkbox"/> Basis of the opinion</p> <p>II. <input type="checkbox"/> Priority</p> <p>III. <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV. <input type="checkbox"/> Lack of unity of invention</p> <p>V. <input checked="" type="checkbox"/> Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI. <input type="checkbox"/> Certain documents cited</p> <p>VII. <input checked="" type="checkbox"/> Certain defects in the international application</p> <p>VIII. <input type="checkbox"/> Certain observations on the international application</p>		
Date of submission of the demand  02.04.2004	Date of completion of this report  20 December 2004 (20.12.2004)	
Name and mailing address of the IPEA/AT Austrian Patent Office Dresdner Straße 87 A-1200 Vienna Facsimile No. 1/53424/200	Authorized officer  PFAHLER A.  Telephone No. 1/53424/412	

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/IB 2003/003763

**I. Basis of the report****1. With regard to the elements of the international application:\***

- ☐ the international application as originally filed
- ☒ the description:  
pages 7-10, as originally filed  
pages \_\_\_\_\_, filed with the demand  
pages 1-6, filed with the letter of 14 December 2004 (14.12.2004).
- ☒ the claims:  
pages \_\_\_\_\_, as originally filed  
pages \_\_\_\_\_, as amended (together with any statement) under Article 19  
pages \_\_\_\_\_, filed with the demand  
pages 11-14, filed with the letter of 14 December 2004 (14.12.2004).
- ☒ the drawings:  
pages 1/7 - 7/7, as originally filed  
pages \_\_\_\_\_, filed with the demand  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.
- ☐ the sequence listing part of the description:  
pages \_\_\_\_\_, as originally filed  
pages \_\_\_\_\_, filed with the demand  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:**

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☐ The amendments have resulted in the cancellation of:**

- ☐ the description, pages \_\_\_\_\_.
- ☒ the claims, Nos. 2 and 17-19.
- ☐ the drawings, sheets/fig \_\_\_\_\_.

**5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\***

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as „originally filed“ and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

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# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/IB 2003/003763

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### I. Statement

Novelty (N)

Claims 1-15

YES

Claims ----

NO

Inventive step (IS)

Claims 1-15

YES

Claims ----

NO

Industrial applicability (IA)

Claims 1-15

YES

Claims ----

NO

Citations and explanations (Rule 70.7)

The following documents have been cited in the Search Report:

D1: DE19711841A1

D2: JP60215101A

D3: DE4417763A1

D1 shows a fluid pressurizing device, containing two resiliently deformable inflatable bladders. A flexible sleeve is prevented from stretching excessively through a surrounding air-permeable plastic fibre sleeve. The technical feature that the fluid in the first of the bladders is under a relatively higher pressure than the pressure of the fluid in the second bladder is not known from the cited state of the art. Therefore Claim 1 is new.

Claim 1 is inventive, too, because of the surprising effect of the claimed device, that the second bladder exerts a force on the first bladder in a way, that the pressure therein is higher than in the second bladder.

D2 shows openings with valves to the bladders, what is claimed in Claims 4 and 5.

D3 describes the neutralisation of ammunition and bombs or mines and the like by braking up the cover by a shock-wave.

The Claims 1-15 are new and inventive in respect of the cited state of the art.

Industrial applicability is given for all Claims 1-15.

**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

International application No.  
PCT/IB 2003/003763

**VII. Certain defects in the international application**

The following defects in the form or contents of the international application have been noted:

The claims should be properly cast in two part form, with those features which are part of the prior art being placed in the preamble (e.g. followed by the words "characterised in") and only the new subject matters, forming the core of the invention, remaining in the characterising portion (see Rule 6.3(b) PCT).

Complete reference signs in parentheses should be inserted in the claims to increase their intelligibility (see Rule 6.2 (b) PCT); this applies to both - the preamble and characterising portion.